

XP-002167799

AN - 1998-157865 [14]

AP - RU19940041118 19941109

CPY - ZARY-R

DC - E36 J01 L02

DR - 0306-P 0306-U 1669-P 1669-U

FS - CPI

IC - C01B31/10

IN - GOLUBEV V P; MUKHIN V M; TAMAMYAN A N

MC - E10-J02B4 E11-Q01 E11-Q02 E31-N04C J01-D01 J01-E02B J01-E03C L02-H04

M3 - [01] C106 C810 M411 M720 M781 M903 M904 M910 N163 N480 N512 N513 N515
N523 Q431 Q436 Q437 Q438 Q439 Q453 Q508 R032; R05085-P R05085-R;
1669-P 1669-U

- [02] G000 G100 M280 M320 M414 M510 M520 M531 M540 M610 M720 M750 M903
M904 M910 N163 Q431 Q436 Q437 Q438 Q439 Q453; R00306-P R00306-X;
0306-P 0306-U

PA - (ZARY-R) ZARYA STOCK CO

PN - RU2086504 C1 19970810 DW199814 C01B31/10 004pp

PR - RU19940041118 19941109

XA - C1998-050763

XIC - C01B-031/10

AB - RU2086504 Milled carbonaceous material was mixed with a binder and formed into granules, carbonized and activated at 850-950 deg. C, at a % loss of 20-40 in the first stage and 42-70 in the second. The granules are cooled to 20-50 deg. C after each stage of activation at a rate of 10-40 deg. C per minute in absence of air, and finally crushed to a particle size of 0.2-1.5 mm.

- USE - The activated carbon is used for purification of gases, recovery of volatile solvents, and in water and soil purification

- ADVANTAGE - The method gives highly active carbon with high mechanical strength and high adsorption capacity for organic compounds with a low boiling point of 60-100 deg. C, such as benzene

- (Dwg.0/0)

CN - R00306-P R00306-X R05085-P R05085-R

DRL - 0306-P 0306-U 1669-P 1669-U

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INW - GOLUBEV V P; MUKHIN V M; TAMAMYAN A N

NC - 001

OPD - 1994-11-09

ORD - 1997-08-10

PAW - (ZARY-R) ZARYA STOCK CO

TI - Active carbon with high adsorption capacity for benzene - by granulation of mixed coal and semicoke in wood resin binder and two-stage activation with intermediate cooling